

Fig. 1

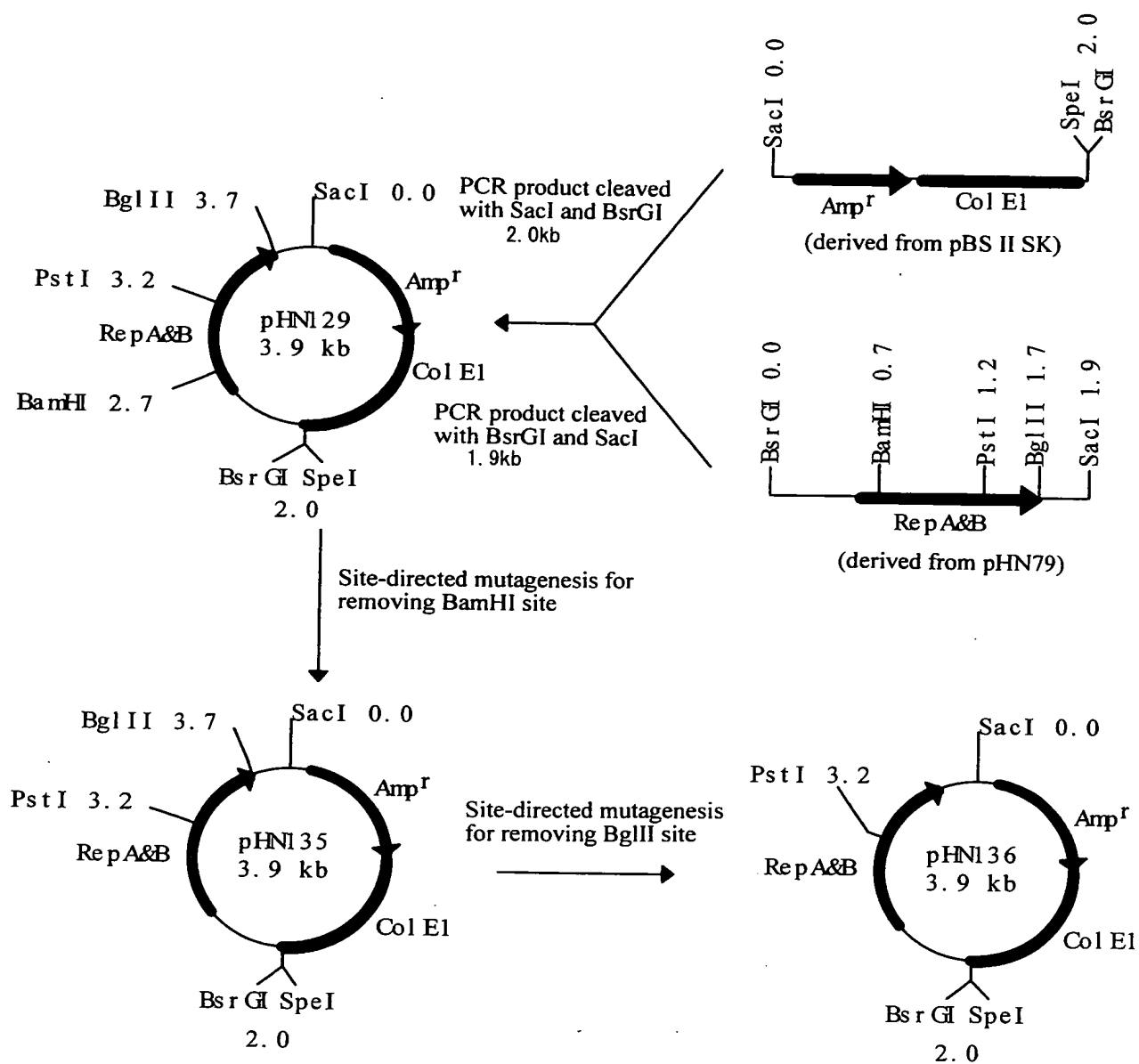
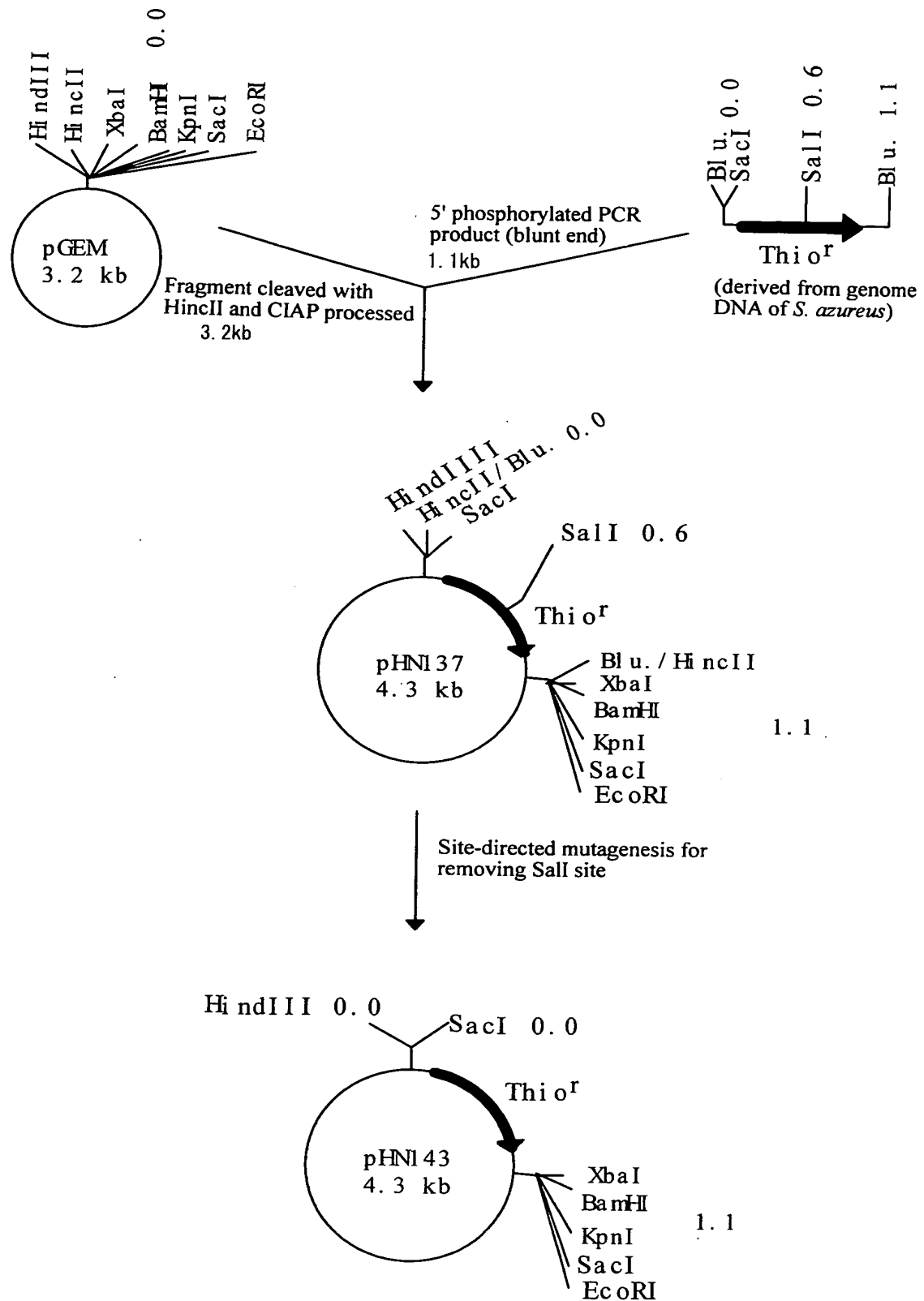


Fig. 2



Title: PROCESS FOR PRODUCING RECOMBINANT PROTEIN  
IN BACTERIUM BELONGING TO THE GENUS  
RHODOCOCCLUS

Inventor(s): Nobutaka NAKASHIMA, et al.

DOCKET NO.: 081356-0253

Fig. 3

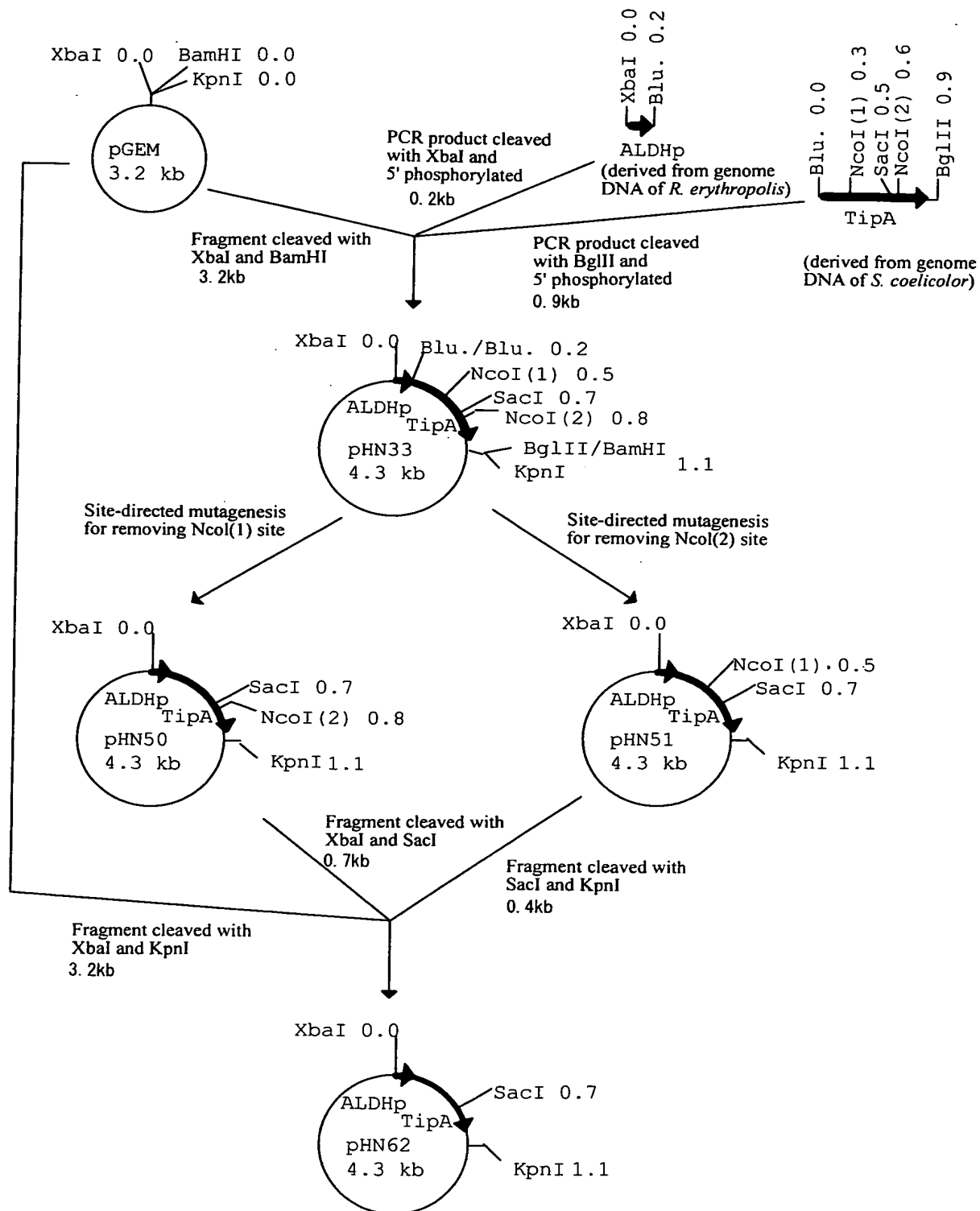


Fig. 4

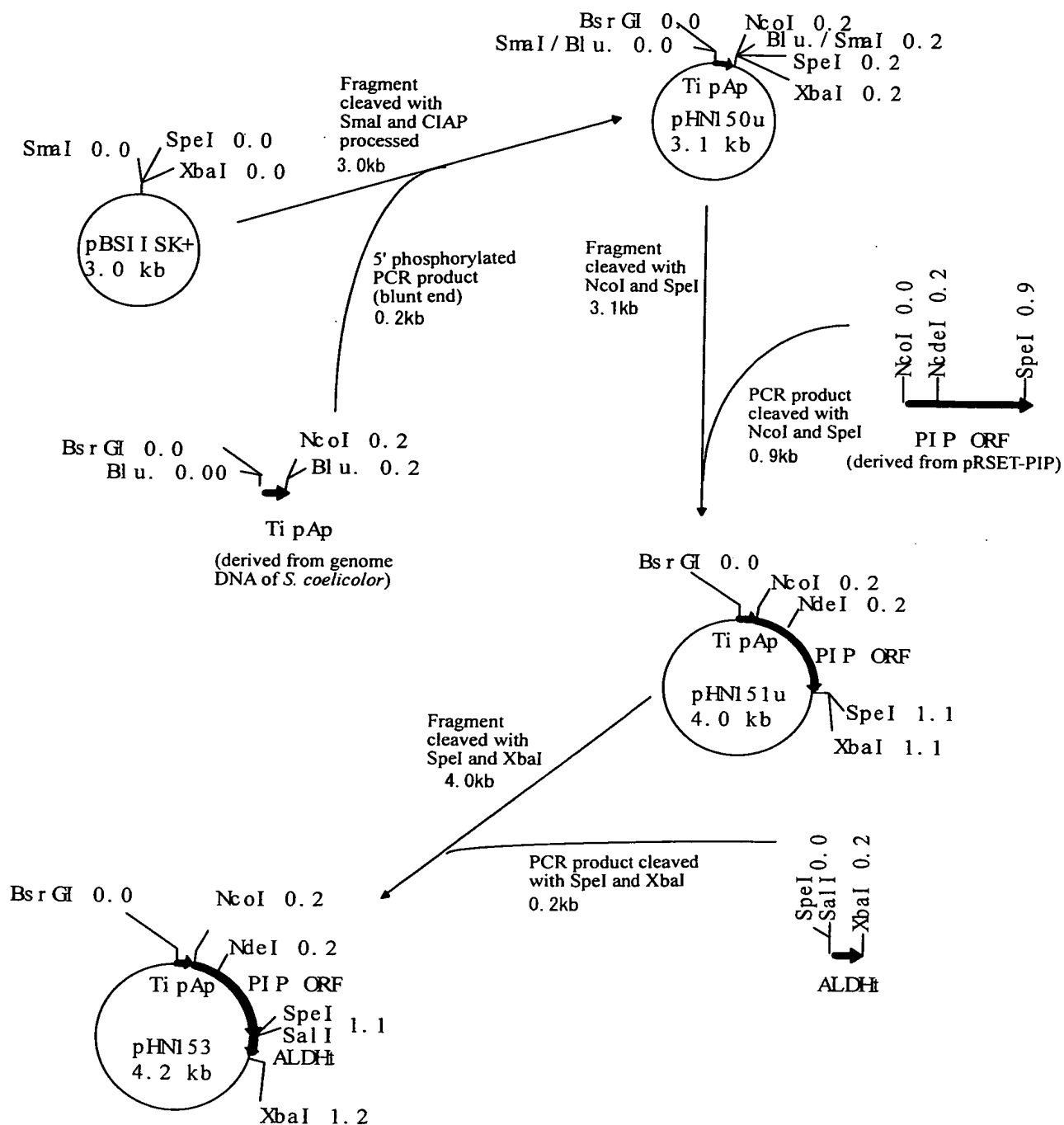


Fig. 5

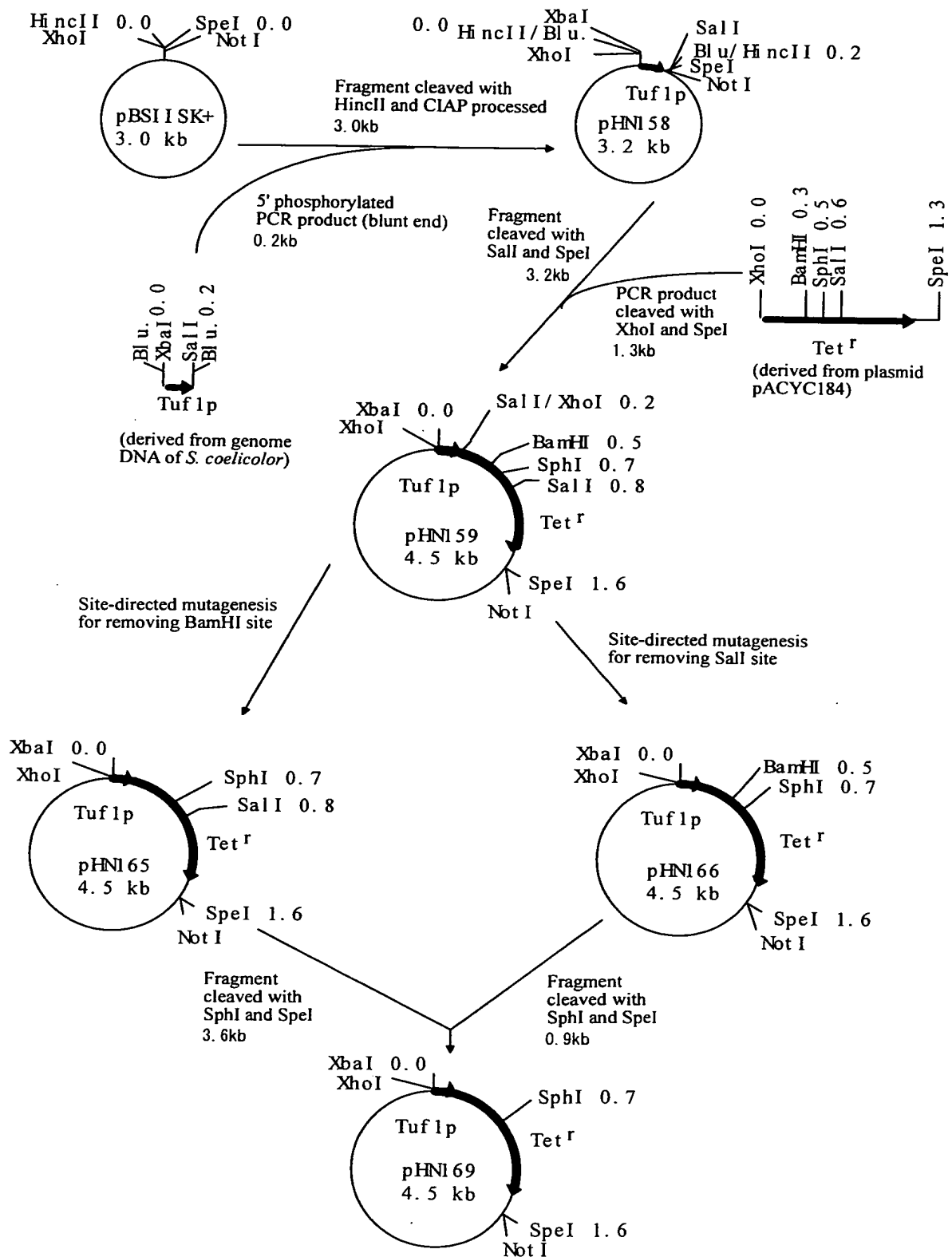


Fig. 6

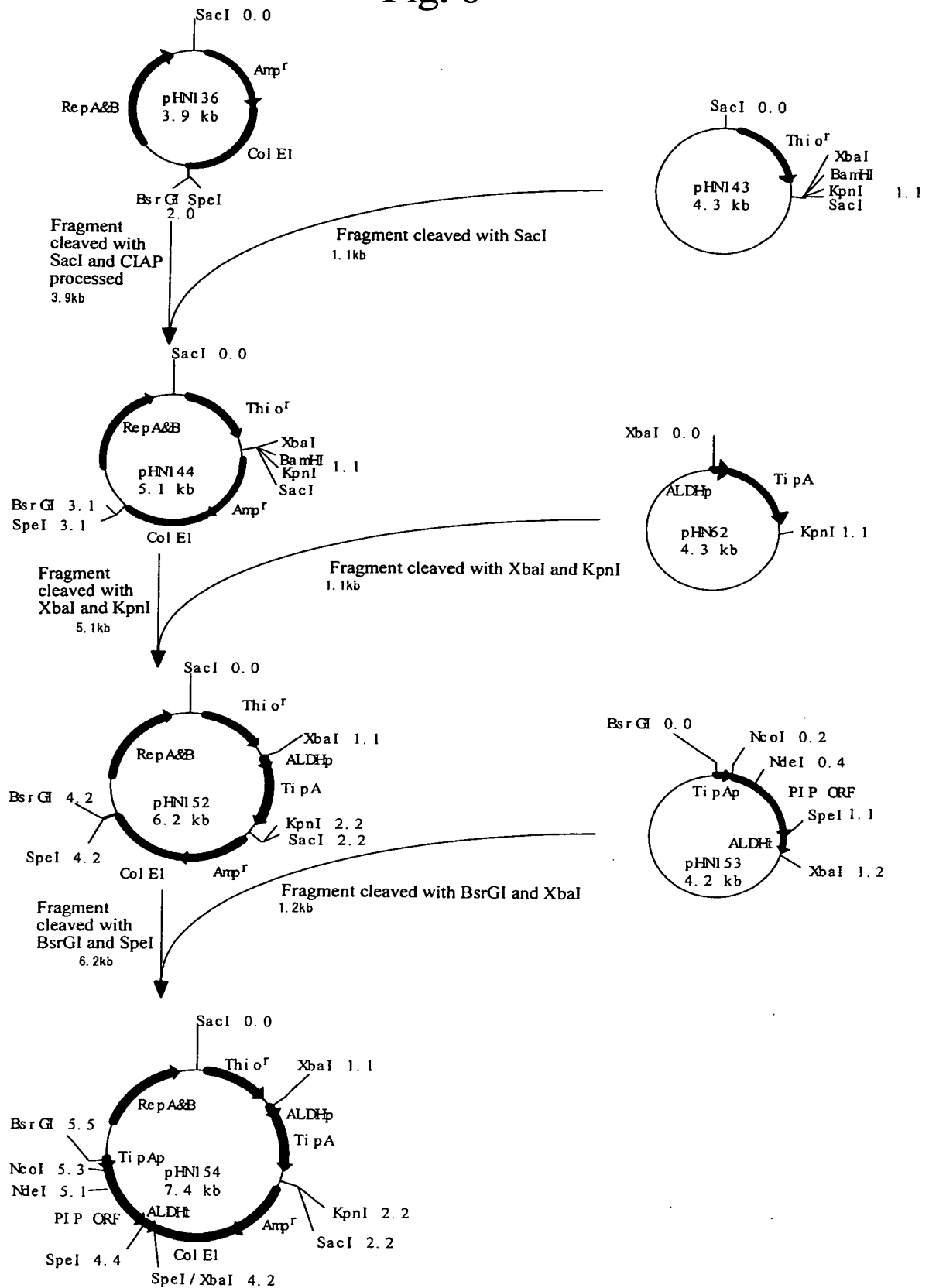


Fig. 6 (continued)

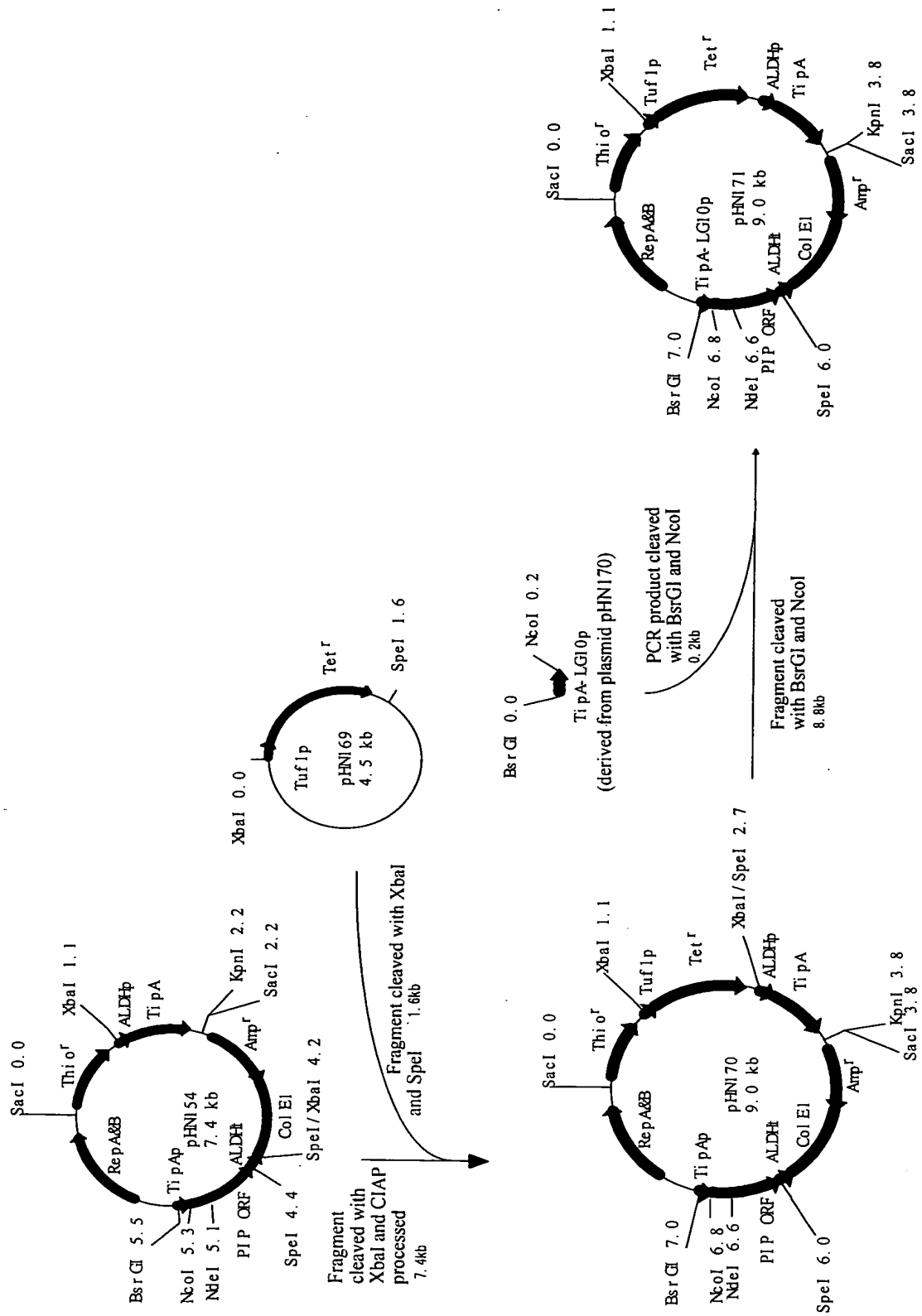


Fig. 7

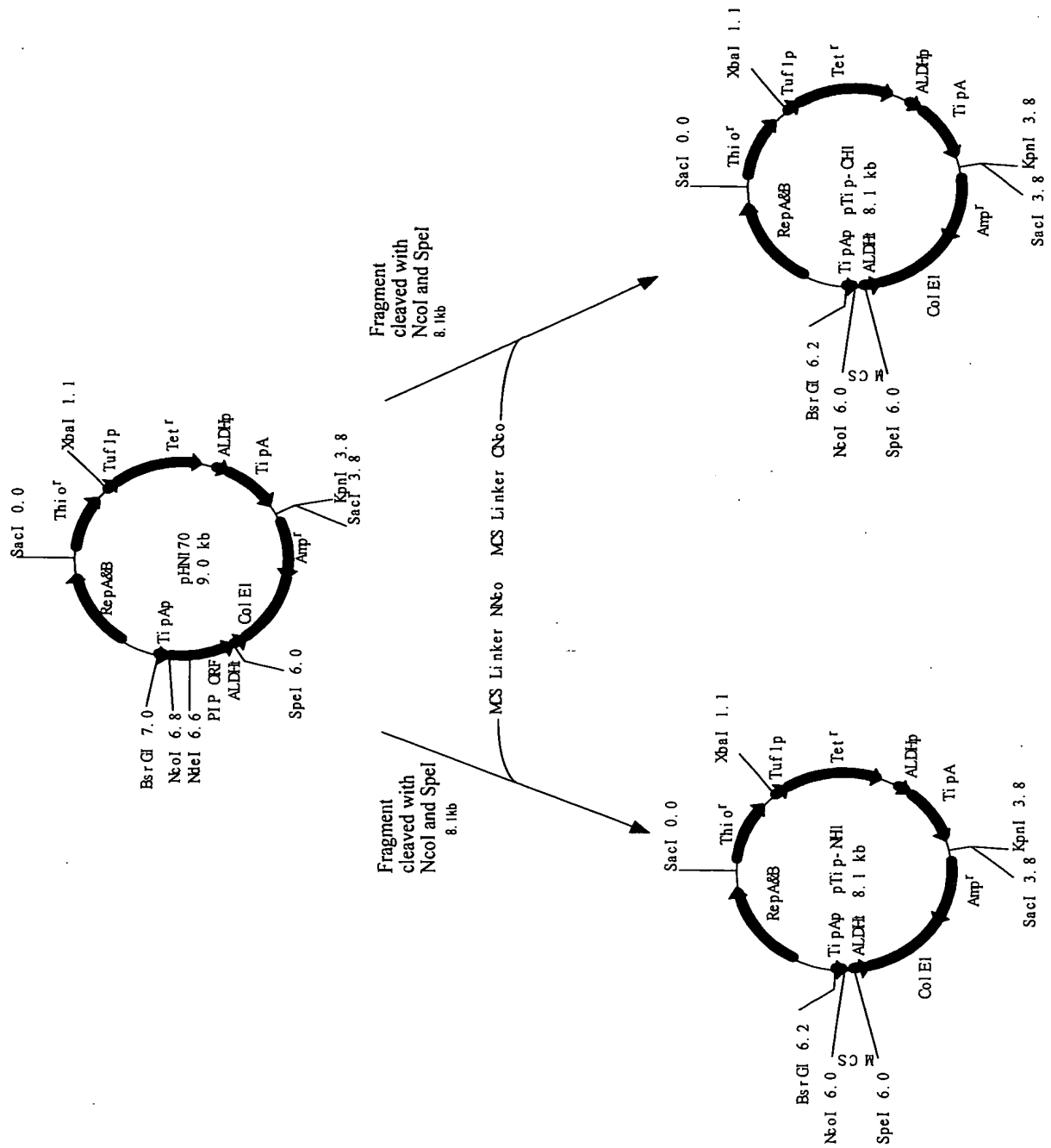




Fig. 7 (continued)

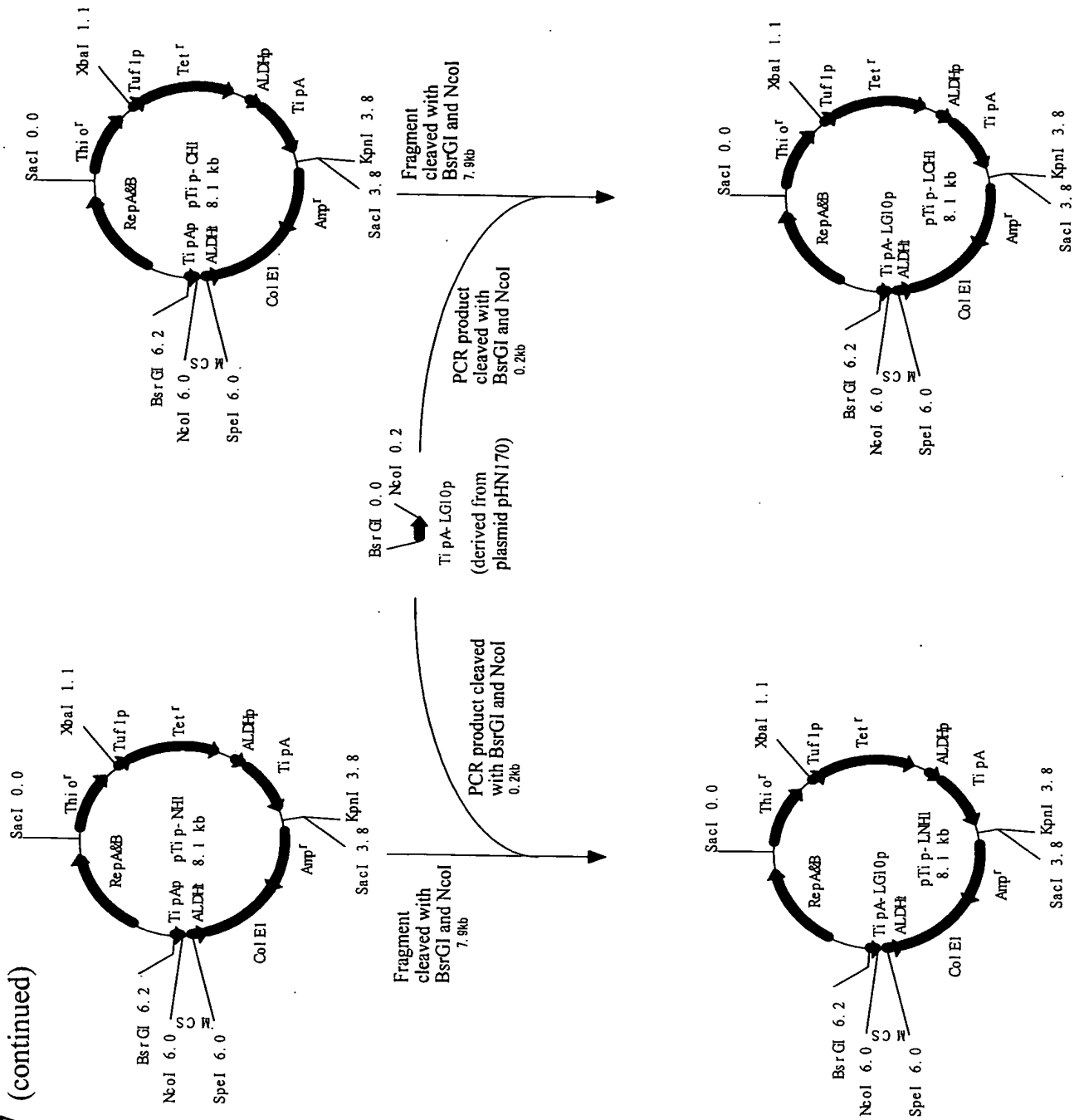


Fig. 8

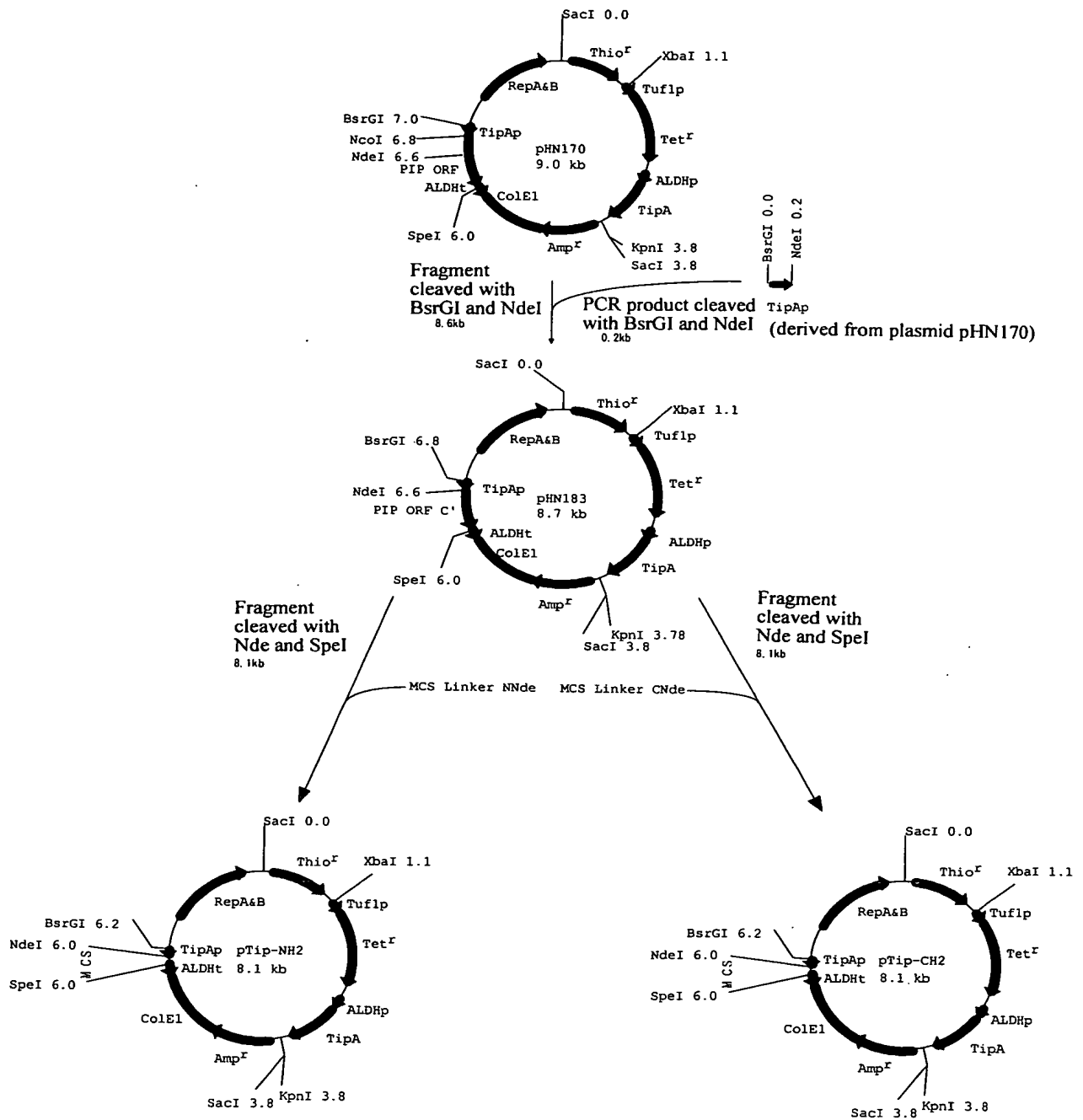
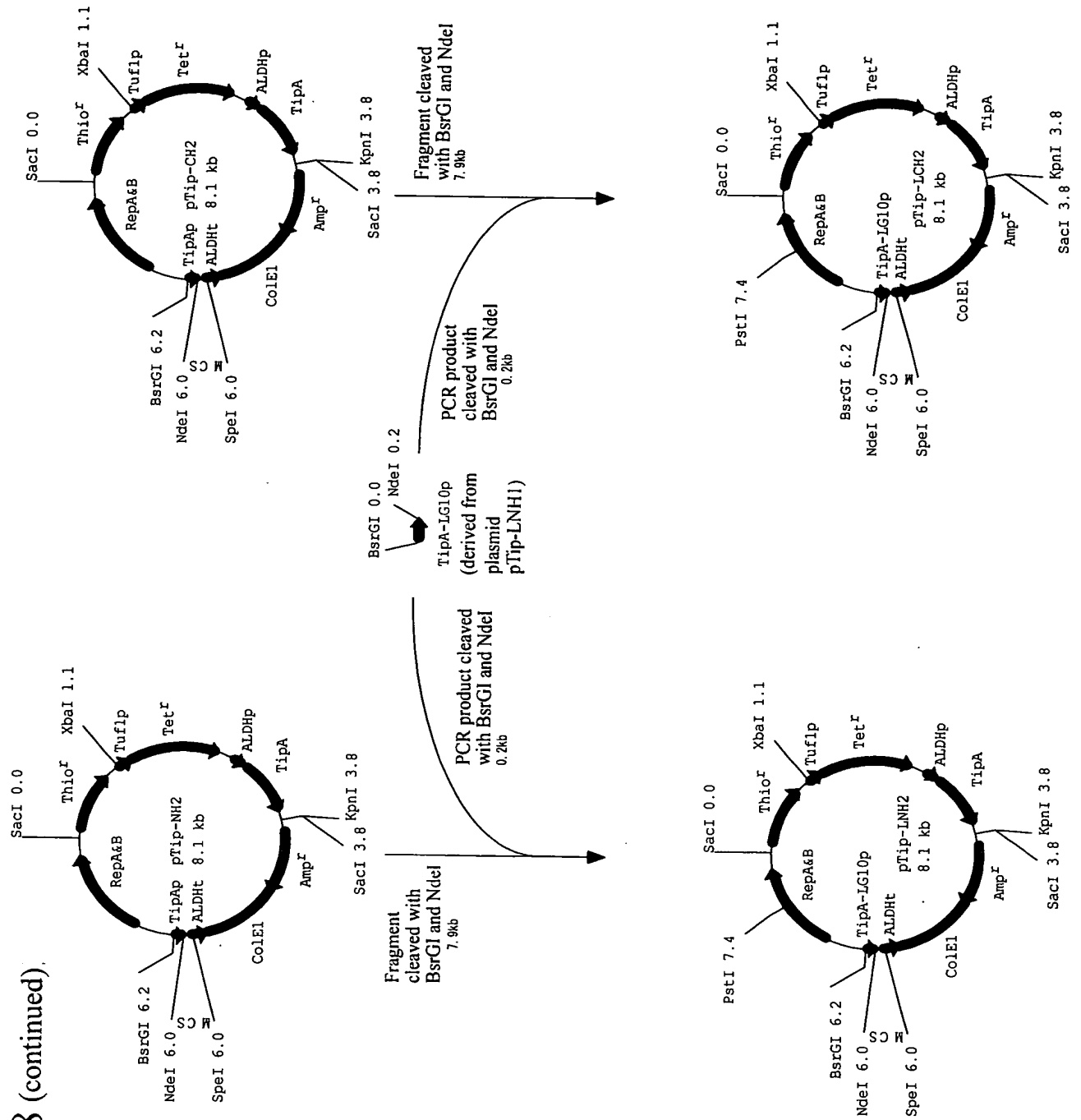


Fig. 8 (continued).



pT p-LNH1	pT p-LCH1	pT p-NH1	pT p-NH2	pT p-CH1
pT p-LNH2	pT p-LCH2			pT p-CH2
TpA- LGI0p	TpA- LGI0p	TpA- LGI0p	TpA p	TpA p
Nco I	Nde I	Nco I	Nde I	
(6 xH is)	(6 xH is)	(6 xH is)	(6 xH is)	Nde I
Nde I	Nco I	Nde I	Nco I	Eco RI
Eco RI	Eco RI	Eco RI	Eco RI	Sna BI
Sna BI	Sna BI	Sna BI	Sna BI	Not I
Not I	Not I	Not I	Not I	Bam HI
Bam HI	Bam HI	Bam HI	Bam HI	Hind III
Hind III	Hind III	Hind III	Hind III	Bg III
Bg III	Bg III	Bg III	Bg III	Xho I
Xho I	Xho I	Xho I	Xho I	(6 xH is)
(Stop)	(Stop)	(Stop)	(Stop)	(Stop)
Spe I	Spe I	Spe I	Spe I	Spe I
Sall	Sall	Sall	Sall	Sall
ALDHt	ALDHt	ALDHt	ALDHt	ALDHt

**ALDH t = transcription termination sequence**

RepA&B = for *R. erythropolis*

Am p<sup>r</sup> = transformation marker for *E. coli*

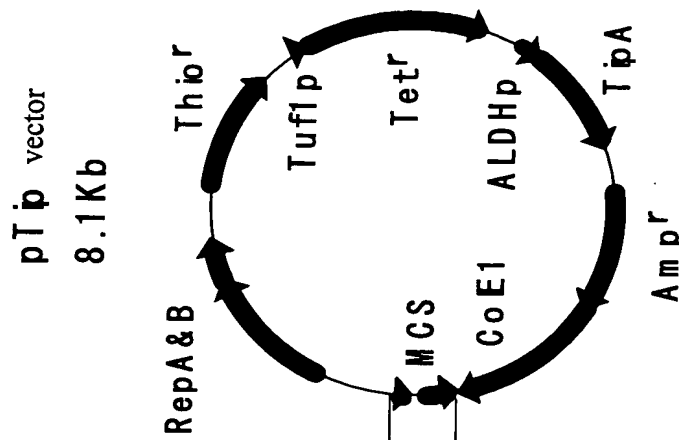


Fig. 9b

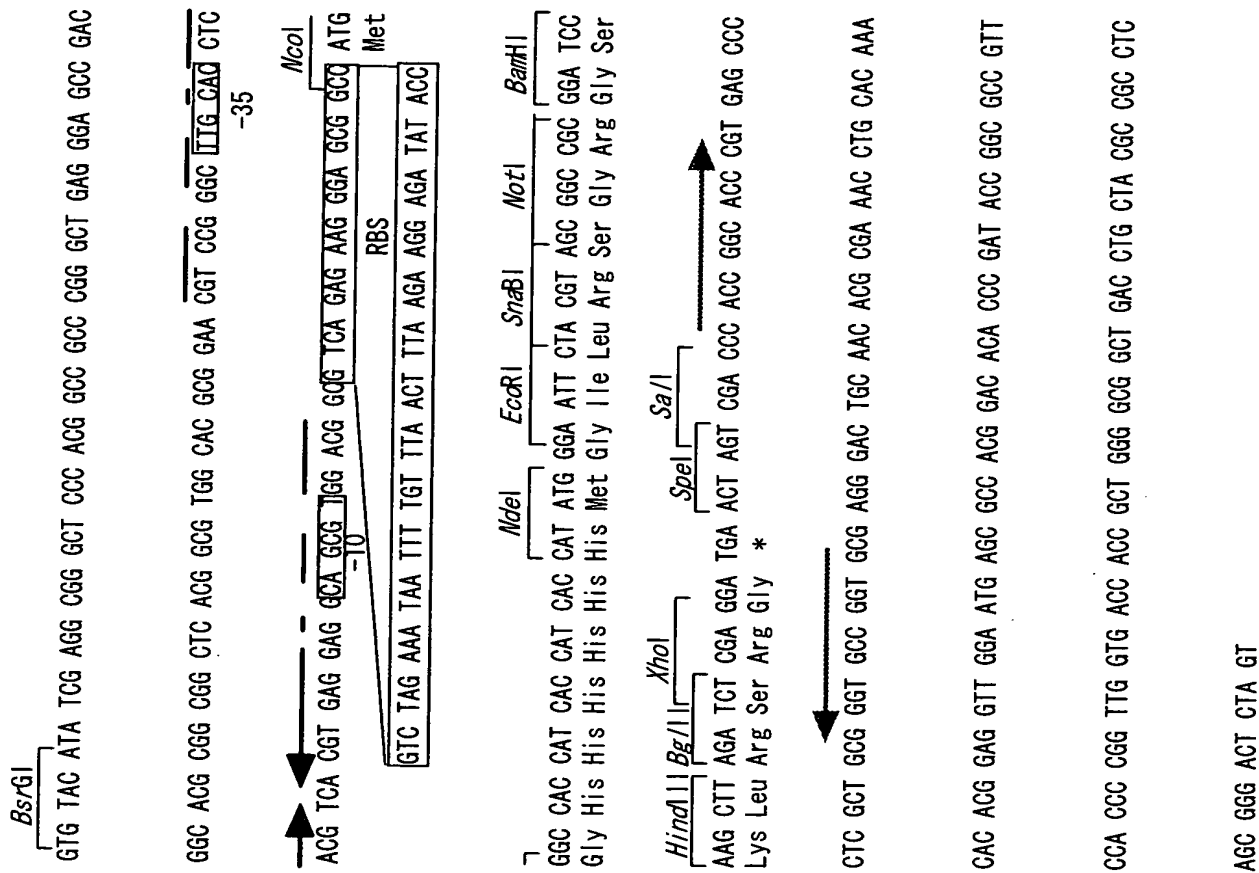


Fig. 9c

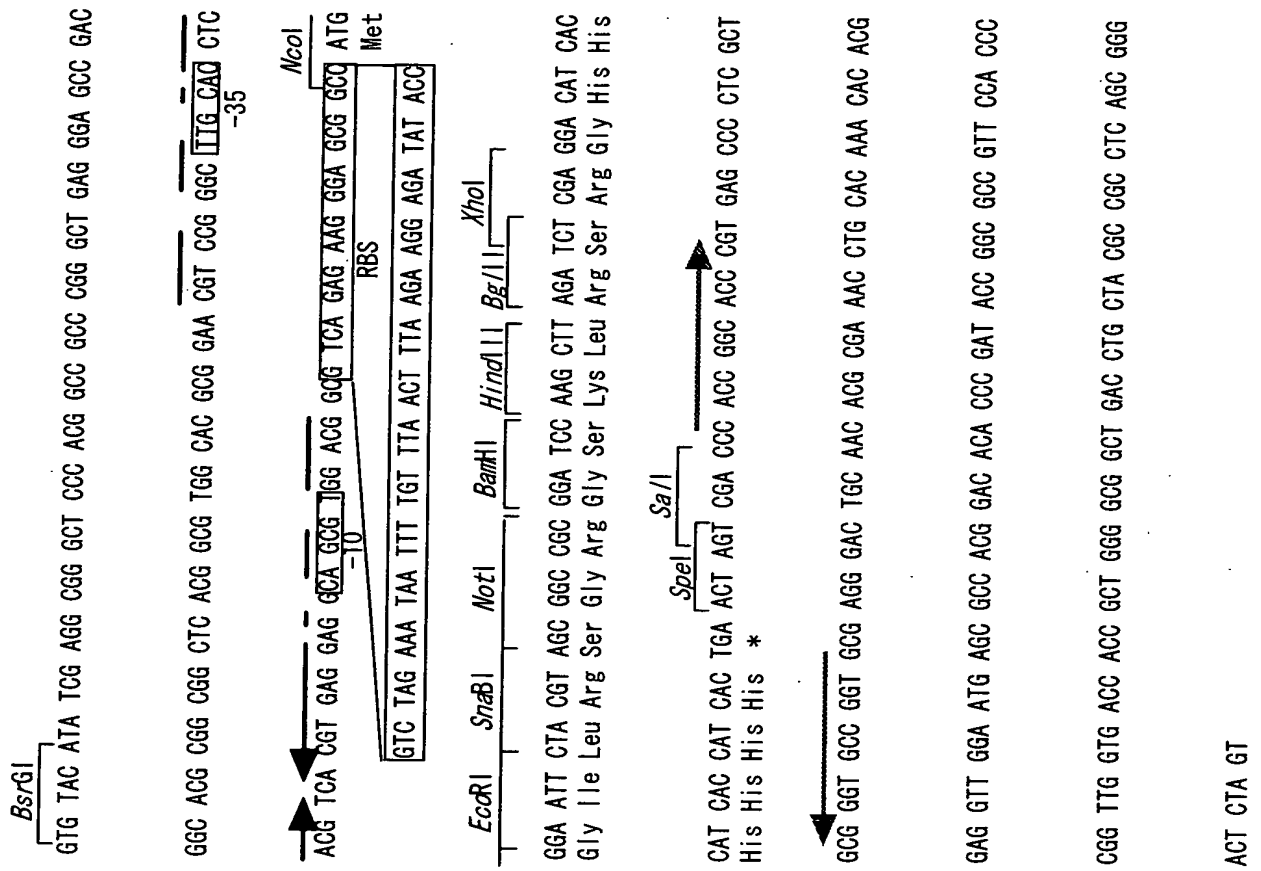


Fig. 9d

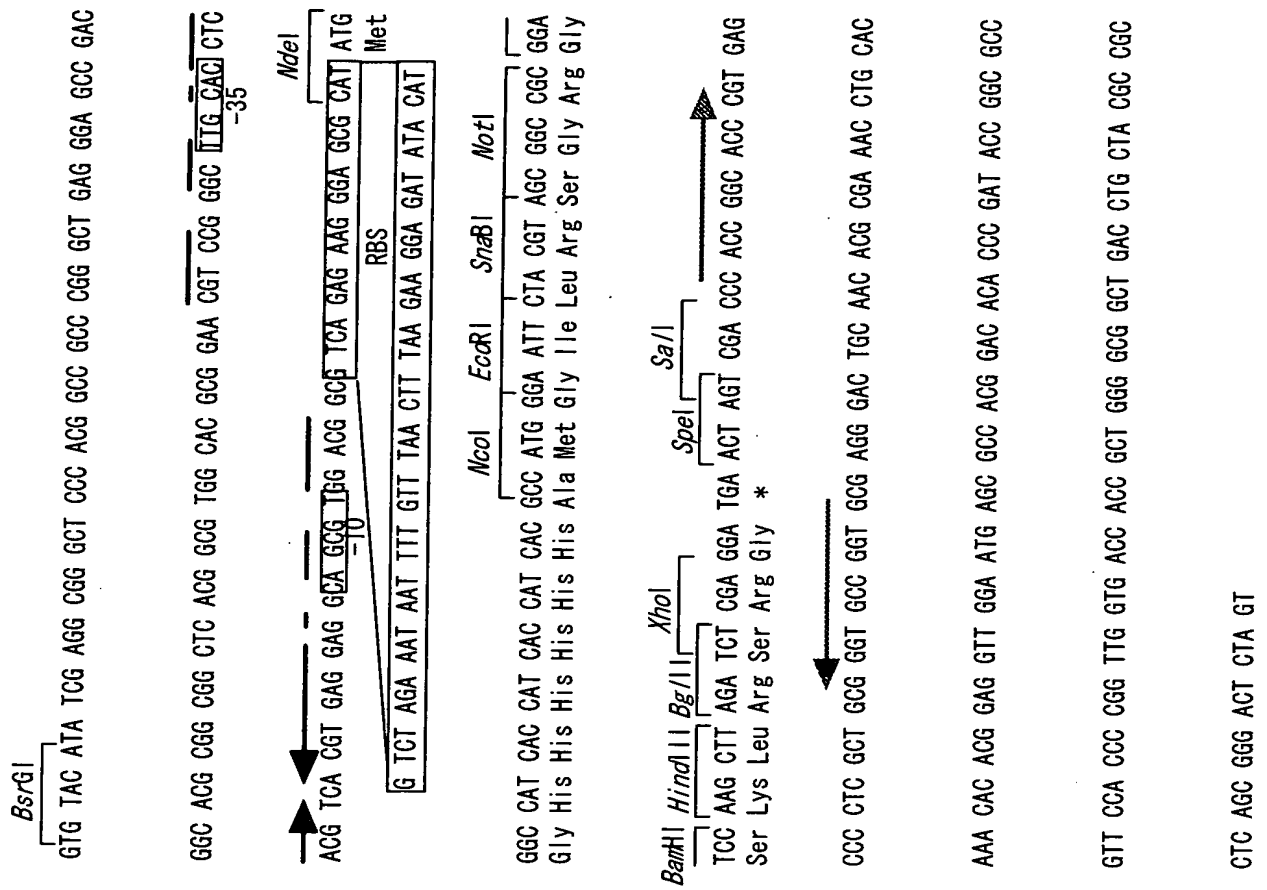


Fig. 9e

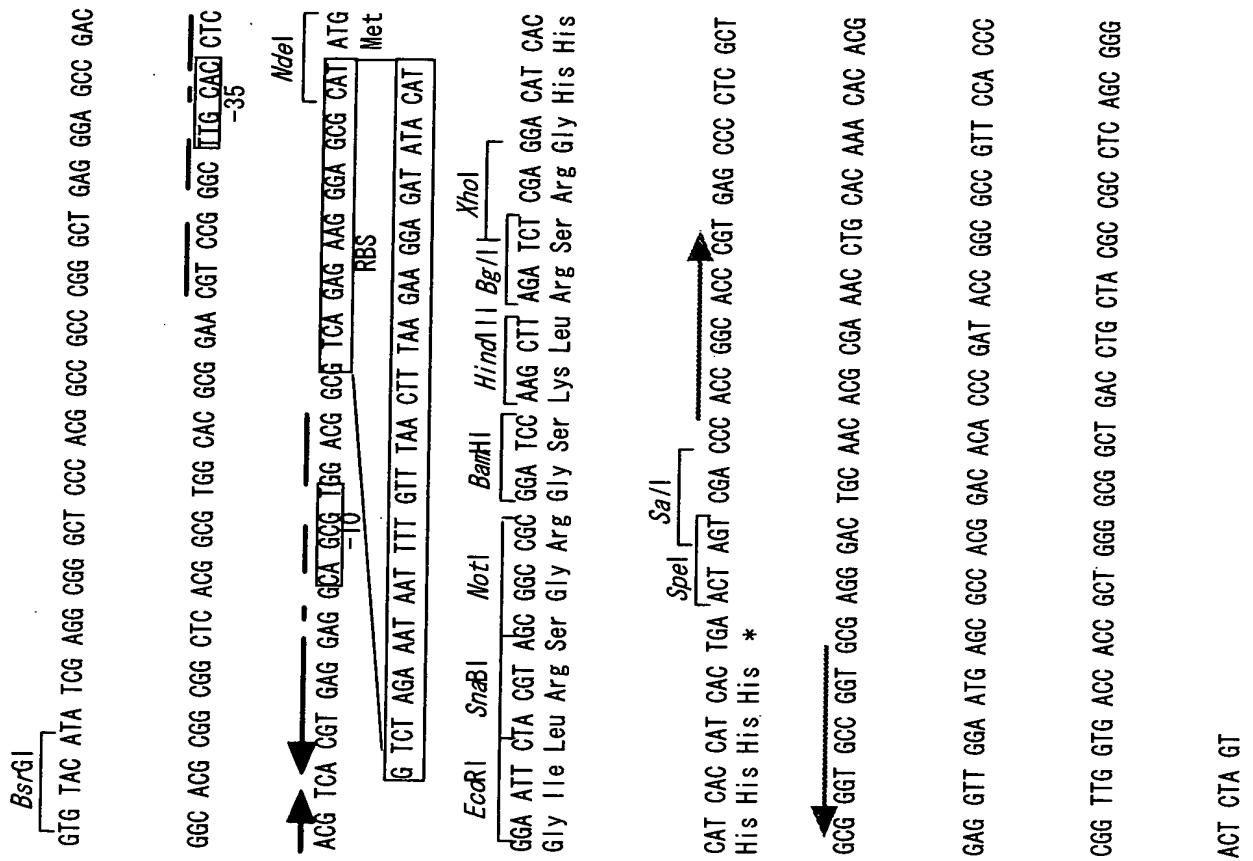




Fig. 10



Fig. 11

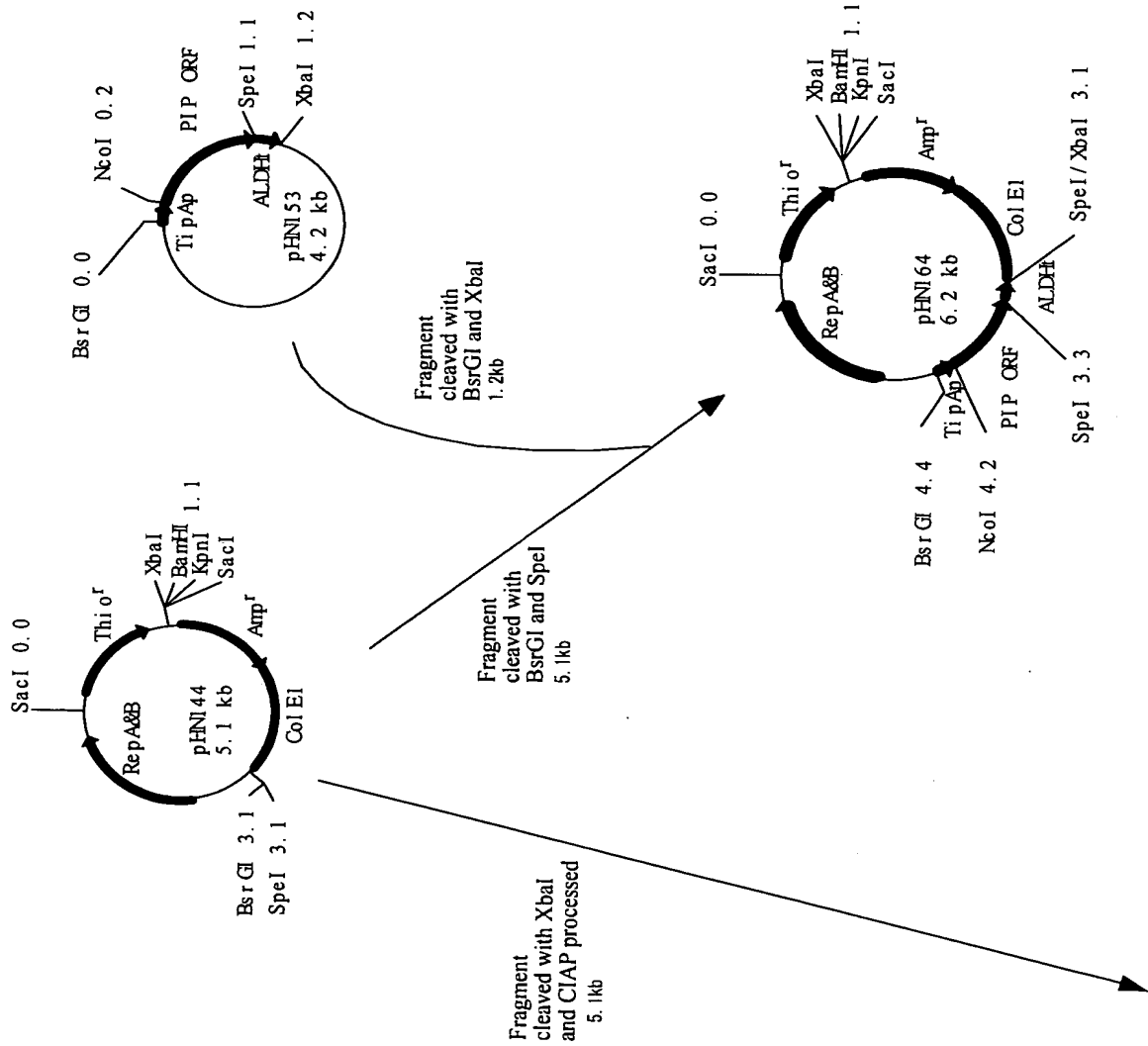


Fig. 11 (continued)

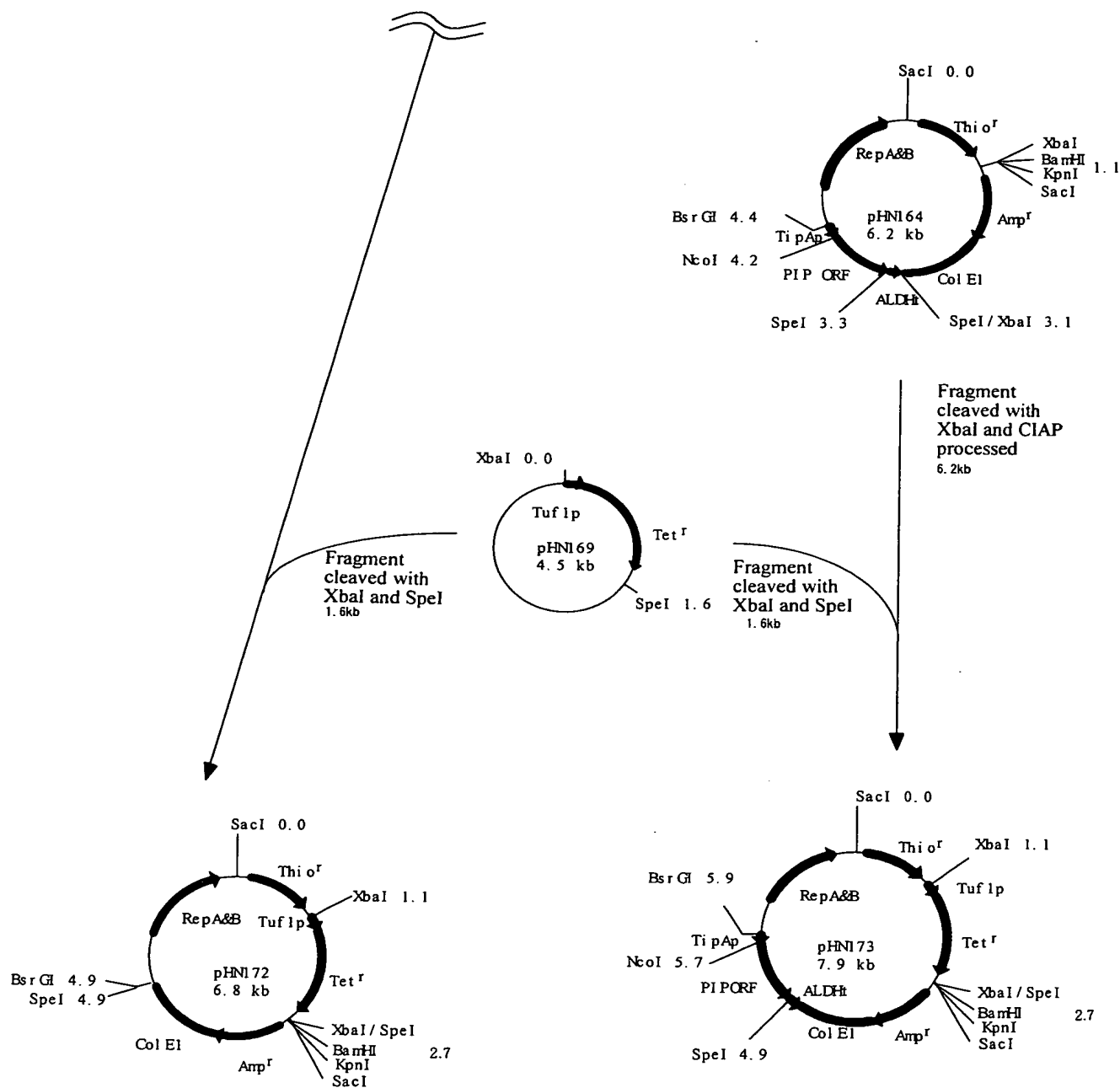


Fig. 12

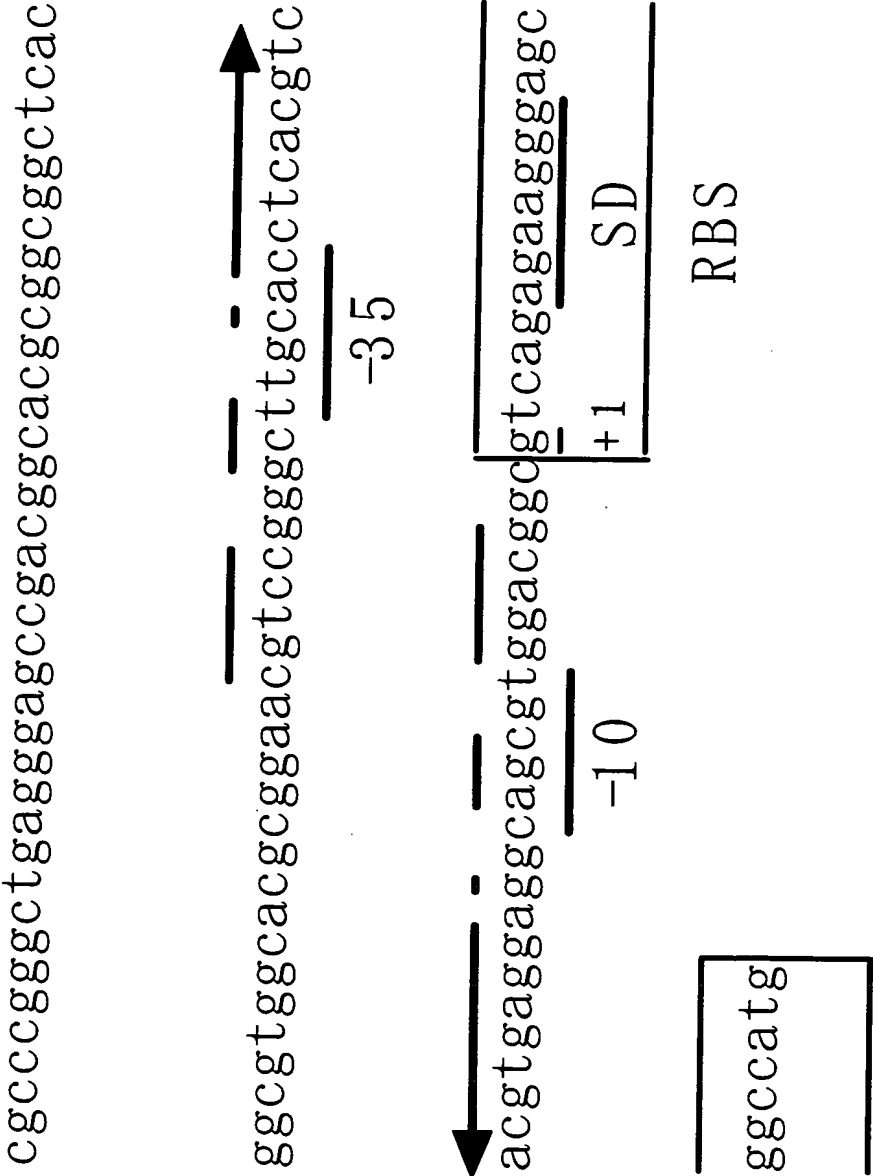
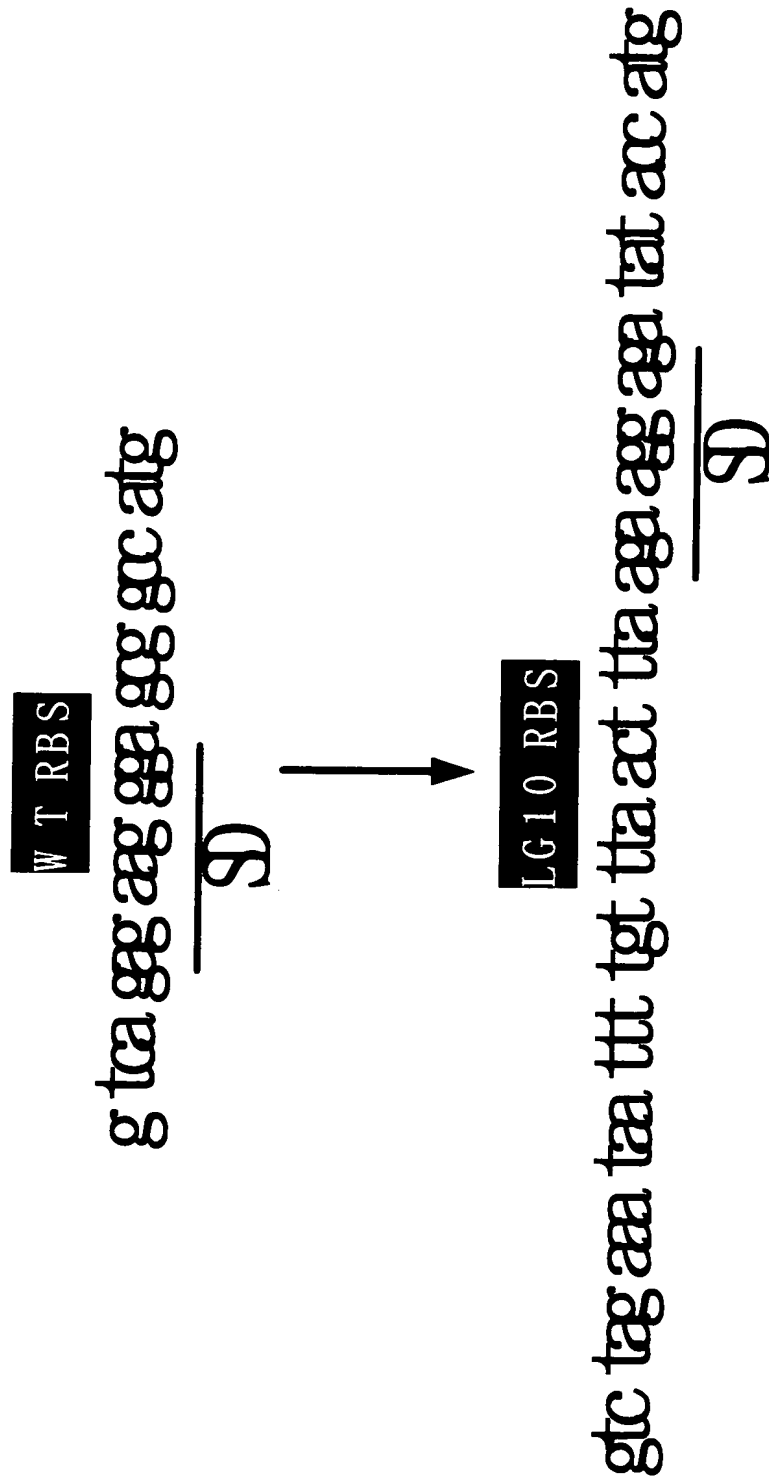


Fig. 13



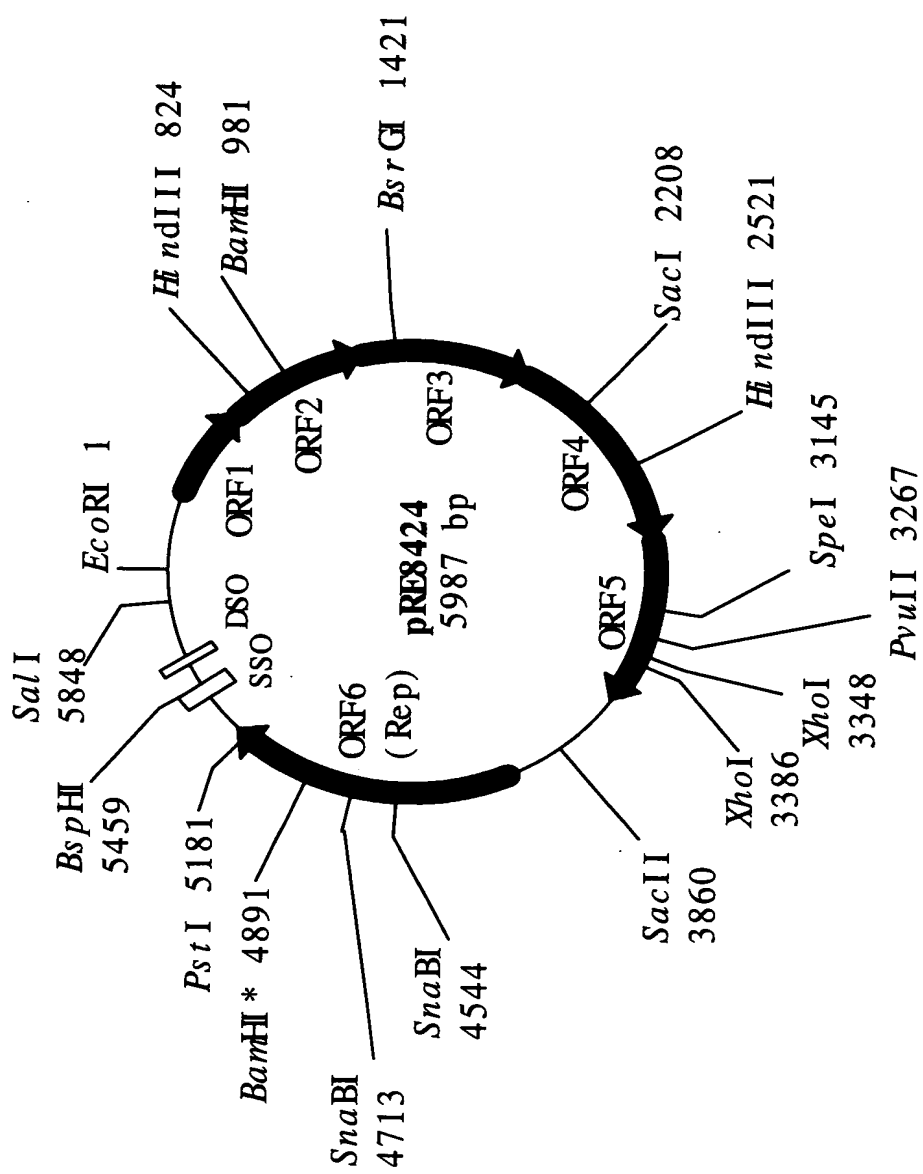


Fig. 14

[illegible]

Consensus Wx<sub>y</sub>EXaXX<sub>gr</sub>RaiXW<sub>r</sub>glr

276	WREFEFGSMGRRRAI	ANSRGCLR
365	WEYEKASFGRRAL	TWSKGLR
250	WREYEVGSKNLR	- SWSRGAK
352	WAQYEEALAGRRRAI	EWTRGLR
288	WEYERATRGRRAI	EWTRYLRL
288	WEYERATKGRRRAI	EWTRYLRL

Fig. 16

pRE8424	5705	CGA	GGG	AGG	GA	CCCCCT	---	AGG	TGGGGGAG-
pAP1	2378	CAG	GTT	ATGC	-G-	GA	AAAC	TT	---AGCAACAA----
pBL1	1314	GAA	ATA	CAAA	-CT	GA	ACAC	CTA	AGCAACCCCA--
pJV1	3375	CTG	CGA	AAAA	ACCGA	-	CCCCCT	---	AGCTAAAGGGTT
pIJ101	1346	GAG	CGA	AAAA	-CCGA	-	ACAC	CTT	---CCCAAGAAA--
pSN22	7805	GAC	CGA	AAAA	CCCT	CTC	CCCCCT	---	CCGAAGAAA--

Nicking site

DSO



Fig. 17

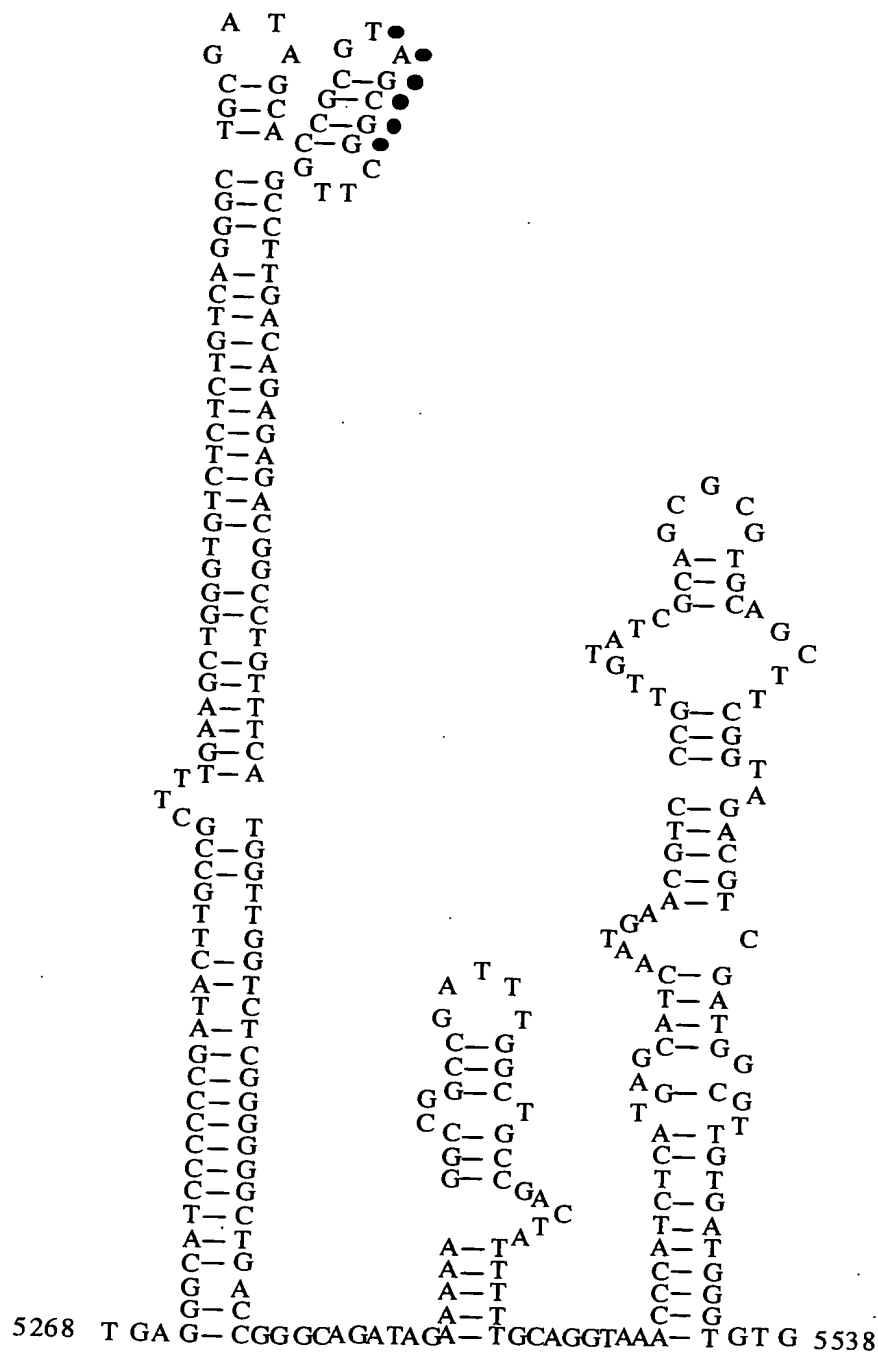


Fig. 18-1

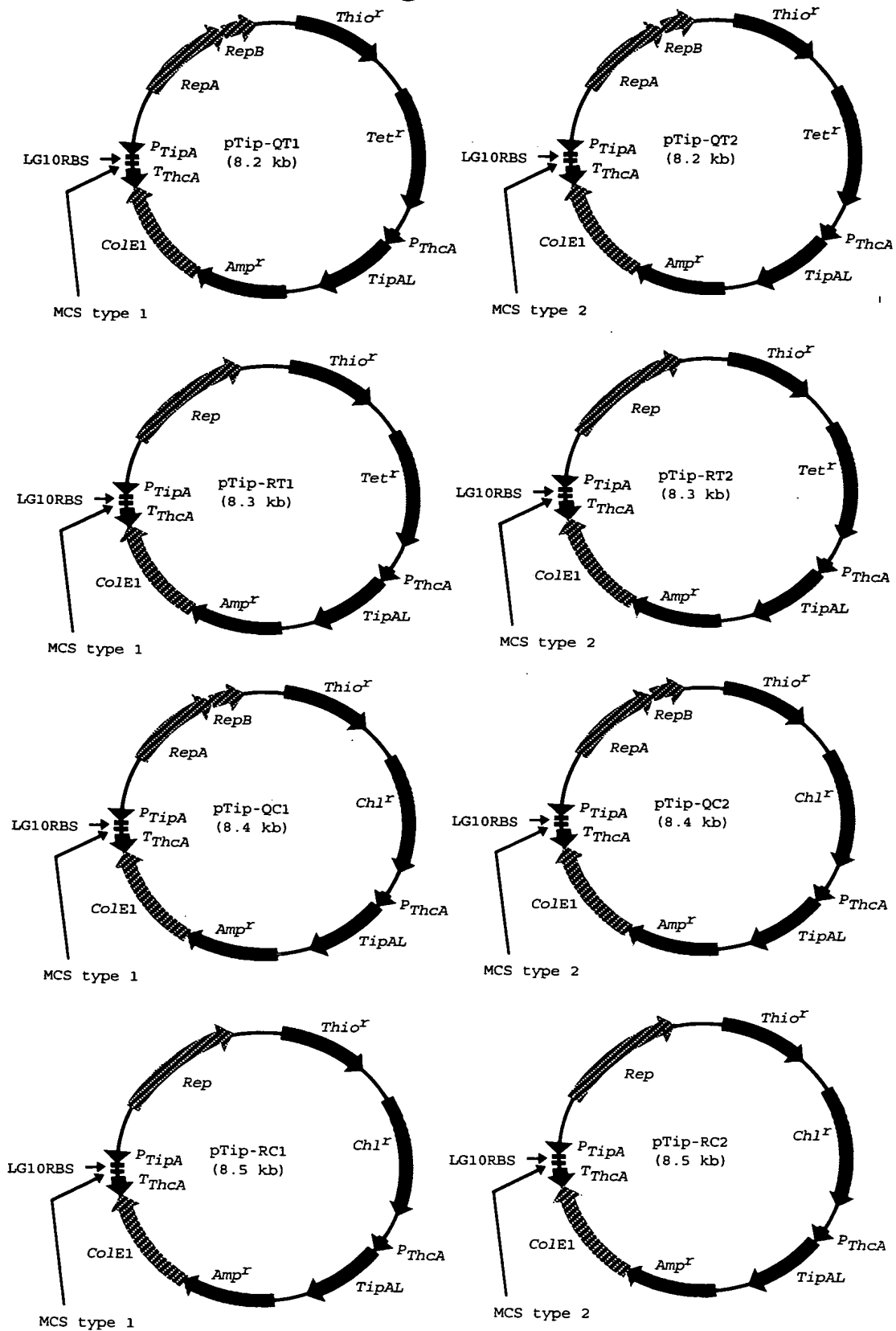
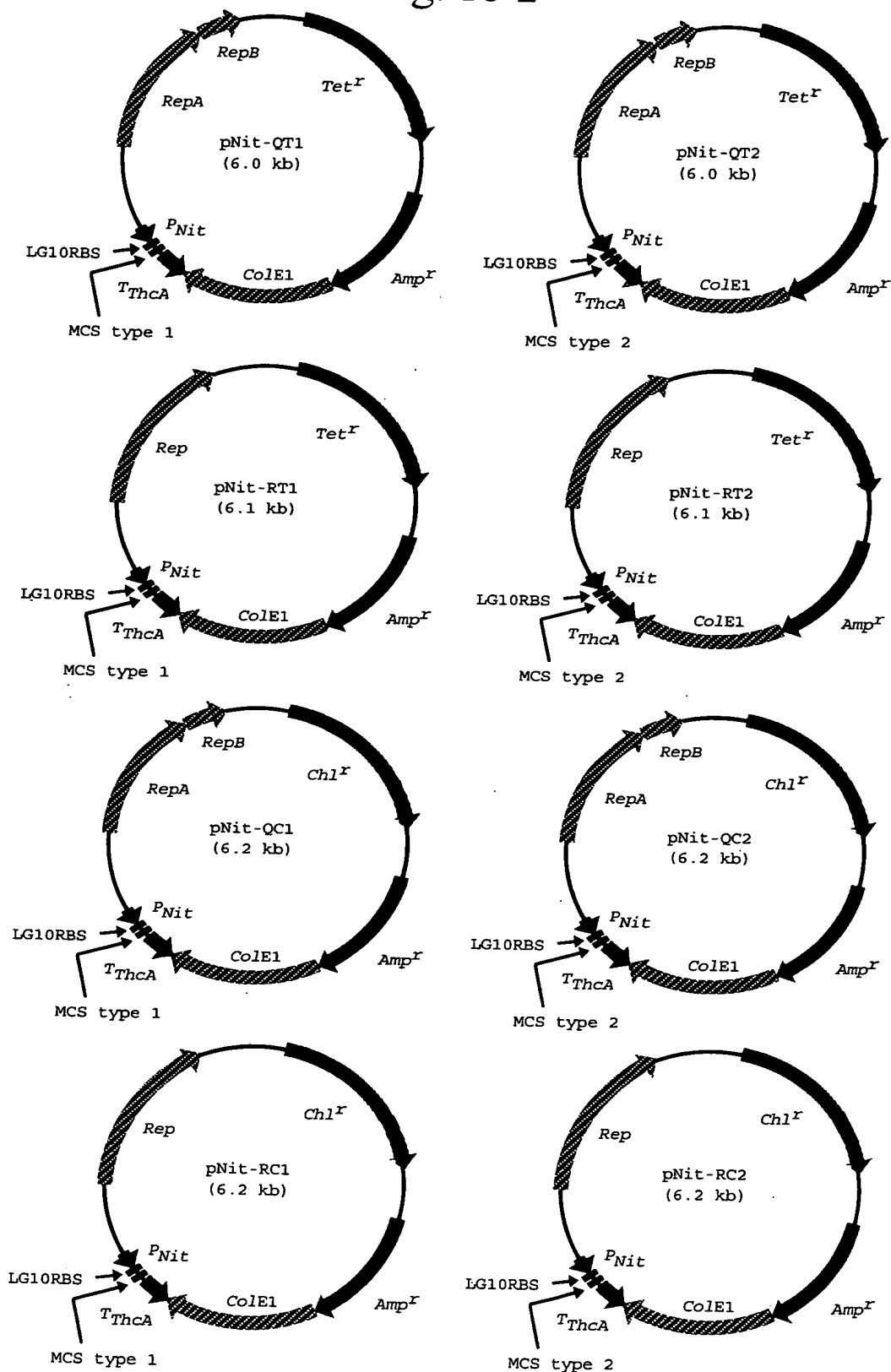


Fig. 18-2



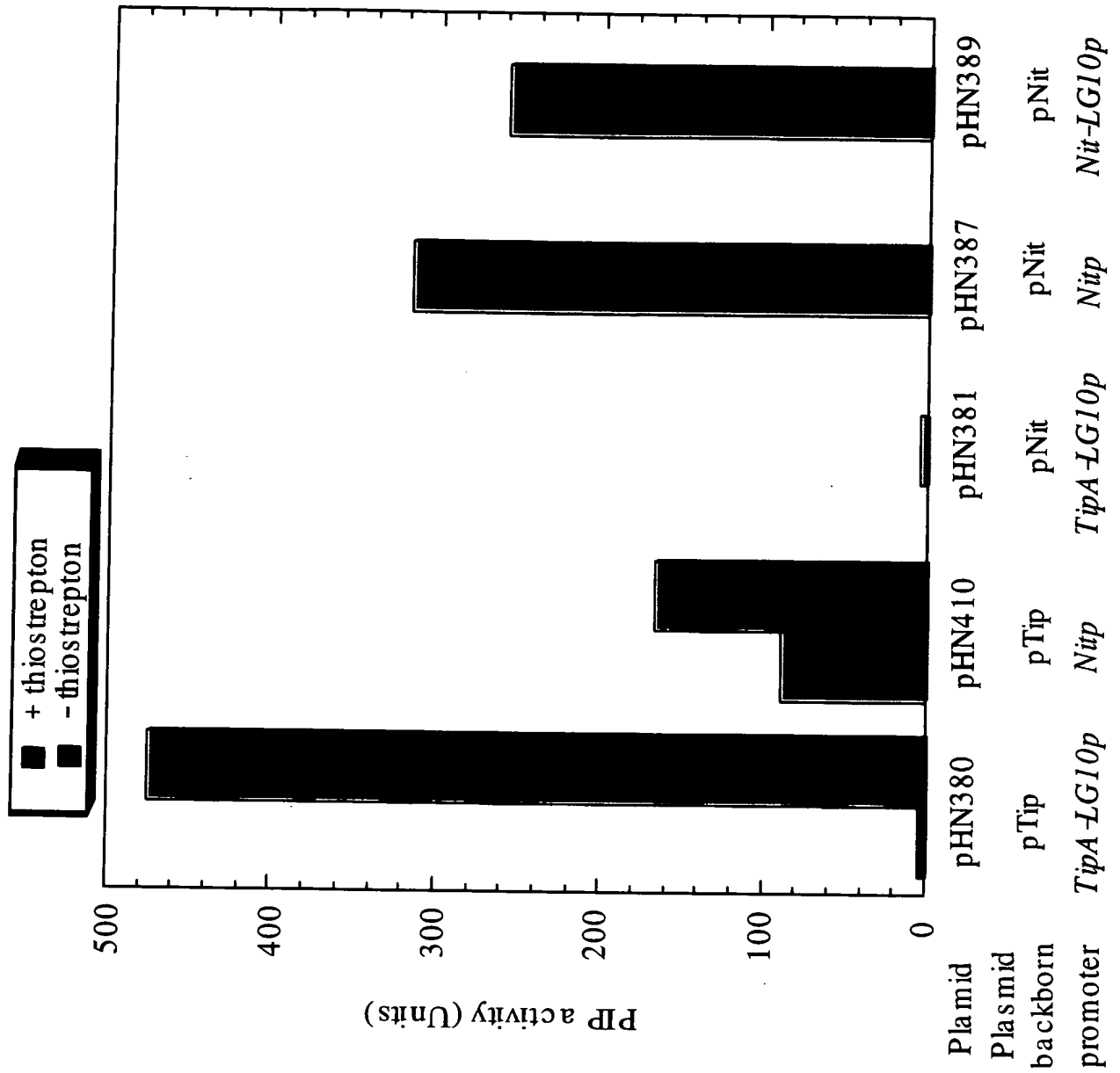
***Ti pA-LGI0p or Nit-LGI0p***

MCS

**Type 2**

*Spe*I   *Sal*I  
 |   |  
 ACT AGT CGA CCC ACC GGC ACC GGT GGT GCG GGT GGC GGT GGC GGT GGC GGT AAC ACG CGA AAC CTG CAC AAA CAC ACG GAG GTT  
 CGA ATG AGC AGC GGC ACG GAC ACA CCC GAT ACC GGC GGC GGC GTT CCA CCC CCG TTG GTG ACC ACG GGT GCG GCG GCT GAC CTG CTA GGC CTC AGC  
 GCG ACT CTA GT

Fig. 20



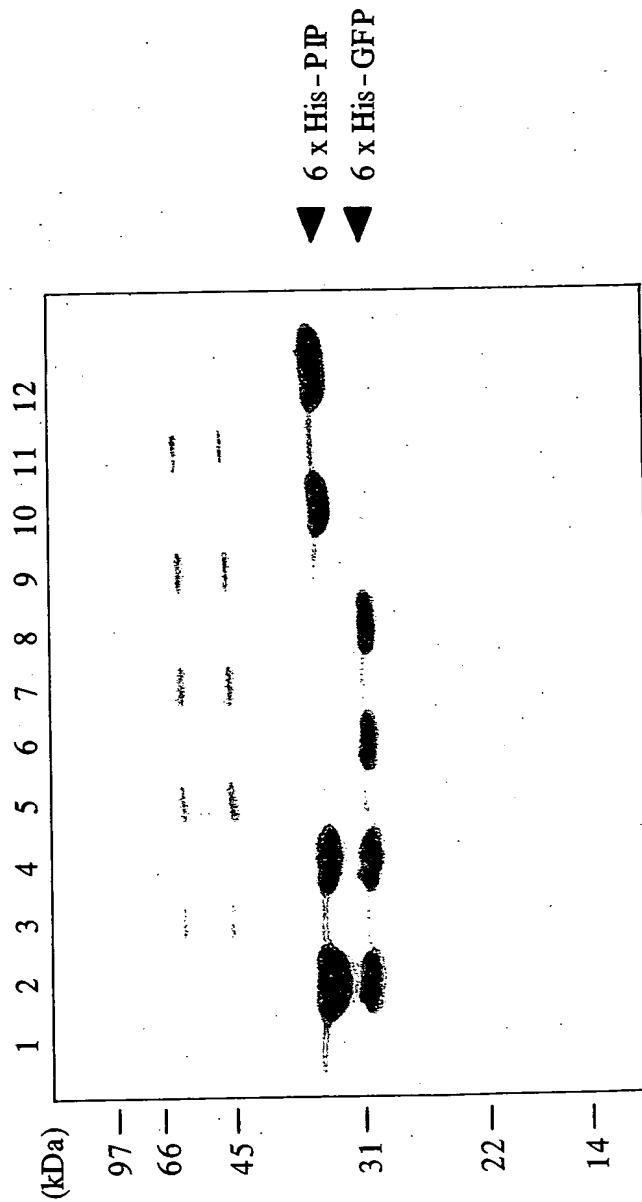


Fig. 21